

SECTION 1 IDENTIFICATION OF SUBSTANCE MIXTURE/COMPANY / UNDERTAKING

1.1. Product identifier

Product Name CRANFIELD ACRYLIC SOLUBLE VARNISH
Product Identifier 0643, 0644, 1550

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Professional Users only. Artists' Varnish

1.3. Details of the supplier of the safety data sheet

Manufacturer
Cranfield Colours Ltd
44-47 Springvale Estate,
Cwmbran NP44 5BB Wales, UK
tel: 00 44 (0)1633 861 421
email: hello@cranfield-colours.co.uk
website: www.cranfield-colours.co.uk

1.4 Emergency telephone number:

+ 00 44 (0)1633 861421 - Office Hours Only. This is NOT a Poison center

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)
Physical and Chemical Hazards Flam Liq 3 H226
Human health Asp Tox 1 H304, H336, EUH066, EUH208
Environment Aquatic Chronic 2 - H411

The Full Text for all Hazard Statements are displayed in Section 16.

2.2. Label elements

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008

Label Elements

Signal Word: Danger!



Contains: Hydrocarbons c9-c12 n alkanes isoalkanes cyclics aromatics (2-25%)
Hydrocarbons c9-c11 n alkanes isoalkanes cyclics (<2%)

EUH210 Safety data sheet available on request.
EUH208 Contains: isobutyl methacrylate. May produce an allergic reaction.

HAZARD STATEMENTS

- EUH066 Repeated exposure may cause skin dryness or cracking.
- EUH208 Contains 'sensitizing substance'. May produce an allergic reaction.
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

- P103 Read label before use.
- P501 Dispose of contents/container to hazardous or special waste collection point.
 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Do NOT induce vomiting.
- P102 Keep out of reach of children.
- P261e Avoid breathing vapours.
- P262 Do not get in eyes, on skin, or on clothing.
- P302/352 IF ON SKIN: Wash with plenty of soap and water.
- P101 If medical advice is needed, have product container or label at hand.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS

- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

International Chemical Identification	EC No	CAS No	Concentration	Classification EC 1272/2008	
				Hazard Class and Category Code(s)	Hazard Statement Code(s)
White Spirit (Type 1) Hydrocarbons, C9-C12 n-alkanes, isoalkanes cyclics, aromatics (2-25%)	EINECS: 265-185-4 EC. No 919-446-0	64742-82-1	60- 66%	Flam Liquid 3 H266 STOT SE 3 H336 Asp. Tox. 1 H304 Aquatic Chronic 2 H411 EUH 066	H226 H304 H336 H411 EUH 066
The Full Text Hazard Statements are displayed in Section 16.					

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General information

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. Inhalation

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Ingestion

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately!

Provide rest, warmth and fresh air.

Skin contact

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

4.1. Most important symptoms and effects, both acute and delayed

4.2. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

During fire, toxic gases (CO, CO₂) are formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

7.1. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

7.2. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Substance	8 hour exposure limit	15 minute exposure limit	Source. Type
White Spirit	WEL– 350 mg/m ³	STEL– 600mg/m ³	

OEL

Recommended OEL = 75ppm per 8-hour work day

DNEL's (Derived No effect levels) for workers

Exposure pattern	Route	DNEL	Dose descriptor
Acute systemic effects	Dermal		
Acute systemic effects	Inhalation	330 per 8 hours	mg/m ³ Industry
Acute Local effects	Dermal		
Acute Local effects	Inhalation	71 per 24 hours	mg/m ³ Consumer
Long term systemic effects	Dermal	44 mg/kg/day	Industry
Long term systemic effects	Inhalation		
Long term local effects	Dermal	26mg/kg/day	Consumer
Long term local effects	Inhalation		

Substance: LAWS (Low Aromatic White Spirit)

OEL

Work Place Exposure Recommended OEL = 197 ppm per 8 hour work day

8.2. Exposure controls

Protective equipment



Engineering measures	Provide adequate general and local exhaust ventilation.
Respiratory equipment	No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.
Hand protection	Use protective gloves
Eye protection	Wear approved safety goggles.
Other Protection	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact
Hygiene measures	DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Thick liquid
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Colour	Clear, colourless
Odour	Hydrocarbon.
Solubility	Insoluble in water
pH-Value, Conc. Solution	Not applicable.
Flash point	Not available. Likely to be Flammable < 60dec C

9.2. Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

Avoid contact with acids and oxidising substances.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity:

Acute Toxicity (Oral LD₅₀) Not determined.

Acute Toxicity (Dermal LD₅₀) Not determined.

Acute Toxicity (Inhalation LC₅₀) Not determined.

Inhalation

May cause irritation to the respiratory system.

Ingestion

Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

Skin contact

Acts as a defatting agent on skin.

May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

Eye contact May cause severe irritation to eyes.

Target Organs

Skin, Eyes, Respiratory system, lungs

SECTION 12: ECOLOGICAL INFORMATION

The product contains a substance which may cause long term adverse effects in the aquatic environment.

12.1. Toxicity

Acute Toxicity - Fish	Not determined
Acute Toxicity - Aquatic Invertebrates	Not determined.
Acute Toxicity - Aquatic Plants	Not determined.

Acute Toxicity – Microorganisms - Not determined.

12.2. Persistence and degradability

Degradability

Readily biodegradable according to OECD guidelines

12.3. Bioaccumulative potential

Bioaccumulation – not determined

12.4. Mobility in soil

Mobility:

The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

SECTION 13: DISPOSAL CONSIDERATIONS

12.6. Other adverse effects

3.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

ADR European Road

14.1. UN number 1263

14.2. UN proper shipping name Paint

14.3. Transport hazard class(es): 3

14.4. Packing group: III

(Not regulated for US transportation if less than 450 Liters)

TRANSPAORT LABELS

Limited Quantity Exemptions



AIR

Limited Quantity rules apply when maximum individual Product Container does not exceed 5 Liters AND the Outer Box containing the limited quantities does not exceed 30Kg (or 20Kg when Shrink wrapped)

14.5. Environmental hazards

Environmentally Hazardous Yes

Substance/Marine Pollutant No.

14.6. Special precautions for user

Not relevant

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBCCode

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out on this product

SECTION 16: OTHER INFORMATION**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH208 Contains *<name of sensitizing substance>* May produce an allergic reaction

H226 Flammable liquid and vapour

H304 May be fatal if swallowed and enters airways

H312 Harmful in contact with skin

H317 May cause an allergic skin reaction

H318 causes serious eye damage

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness.

H340 May cause genetic defects

H350 May cause cancer

H351 Suspected of causing cancer

H361 Suspected of damaging fertility or the unborn child

H400 Very toxic to aquatic life

H411 Toxic to aquatic life with long lasting effects

H412 Harmful to aquatic life with long lasting effects

Full text of (H) Hazard statements referred to in this sds.

Prevention statements

When handling this substance: do not breathe the dust, fume, gas, mist, vapours or spray; keep away from heat, sparks, open flames and/or hot surfaces – No smoking; obtain special instructions before use; avoid release to the environment; wear protective gloves and/or clothing, and eye and/or face protection as specified by manufacturer/supplier.

Response statements

In case of incident: If swallowed: immediately call a poison centre or doctor/physician. Do not induce vomiting.

Storage statements

Store this substance in a well-ventilated place and keeping container tightly closed.



COLOUR LIKE NO OTHER

Cranfield Acrylic Soluble Varnish
SAFETY DATA SHEET

According to Regulation (EU) No 453/2010

DATE: June 2017
